SBR No- 151/14-15 A- 30-08-2014

Original/Duplicate/Triplicate

EST. Cost. 18.00 lakhs

CONTRACT CERTIFICATE

(For Other Works)

No. 1ST & FINAL BILL

Sub-Division DD

Date : .....

Division DD

Bill Received No. 540/14-15 Dated 30.8.2014

Cash Book Voucher No. ..... Dated :.....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) IMPROVEMENT TO ROAD AND DRAIN AT NISARGA LAYOUT IN WARD NO.14 BAGALAGUNTE

Name of Contractor and Full Address TECHNICAL MANAGER(WEST) KRIDL

Reference to Agreement No. EE/DD/WO/ /14-15 Date: 25.6.2014

Certified that the measurements were taken by me on 30/8/2014 and recorded in pages 172042 to 172049 of measurements Book No. 1721 and that the work is satisfactorily executed.

Contractor

Officer - in - charge of work

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

Certified that the measurements were checked by me on 30/8/14 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment JOB NO : 014-14-000029 P CODE NO.2434

Sub - Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account.	
2.	Deduct amount to be held in reserve being ..... percent Rs.	
3.	- do - Balance	--
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	Total --
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
		Total amount adjusted --

Contractor Signature

Received Rs. ..... (in words)

..... by cash and by adjustment of

Payment as per memorandum.

(For use in the Office)

(In final settlement of all demand)

Witness :

1.

2.

Date 30/8

Stamp

Signature of Contractor

EXECUTIVE ENGINEER-4 KRIDL, BBMP, DIVISION, BANGALORE-560 010

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Executive Engineer

	Items of work (grouped under sub-heads the sub works of the estimate)
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters & an averag surface levelled & sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per and lift for all materials and s directed by the officer in charge of work.
2	Removing B.S. slabs of Drain and stacking
3	Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement @ 180 kgs, with 40 mm and down coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exce compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per spec
4	Providing and laying in position plain cement concrete of mix M 15 with cement @ 240 kgs, with 20 mm and down coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not exce compacted, in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per
5	Refixing stone slabs of drains and pointing in C.M(1:3)
6	Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., co
7	Providing and constructing precast concrete solid blocks with compressive strength not less than 35 kg.sqm with cem (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S. 2185 of 1965 in superstru materials, labour charges, scaffolding, curing complete as per specifications
8	Supplying and fixing precast reinforced concrete slab 10 cm thick including cost of reinforcement as per design an transportation, hire charges of machinerey, machine cutting the vertical face to get plain even surface etc., complete
9	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters & an average l surface levelled & sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per sp and lift for all materials and s directed by the officer in charge of work.
10	Construction of granular sub-baseby providing close graded material, mixing in a mechanical mix plant at OMC , carriage o site, spreading in uniform layers with mortor grader on prepared surface and compacting with vibratory power roller to achi complete as per specification. A.Plant Mix Method. Close graded granual sub-base material as per 400-1 For Grading - I M
11	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including prer water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in su well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications
12	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or co bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.
13	Providing and applying tack coat on granular surface treated with primer at 3 kg per 10 sqm heating bitumen in boil (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specification
14	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled rollers to achieve the desired compaction as per MORTH specification clause No.500.8 complete in all respects as per sp
15	Carriage of mixed materials
16	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work lea haulage of materials as per item b) Average earth of work 1.28 tonne/km c) Add loading and unloading
	ADD
	Add
	CERTIFICATE:
1	Work done is satisfactory
2	There are no departmental issuesmade to the contractor
3	The contractor has cleared all debrice from work spot

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073

	Unit	revious Measureme		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
e lift upto 0.5m, excavated specifications with all lead	Cum	—	—	29.85	90.72	2708-00	29.85	2708-00	
	Smt			107-46	50.11	5385-00	107.46	5385-00	
size graded granite metal eeding 15cms, thick, well cifications. Specification	Cum	—	—	31-34	4211.38	131995-00	31-34	131995-00	
size graded granite metal eeding 15cms, thick, well specifications.	Cum	—	—	14-68	4690.50	68839-00	14-68	68839-00	
	Smt	—	—	107-46	70.04	7526-00	107.46	7526-00	
omplete 7.5 cms thick	Smt	—	—	71-64	343.44	24604-00	71.64	24604-00	
nent mortar 1:4 masonry ructure including cost of	Smt	—	—	159-20	924.48	147177-00	159.20	147177-00	
nd drawing material cost	Smt	—	—	170-10	1600.00	272160-00	170.10	272160-00	
lift upto 0.5m, excavated specifications with all lead	Cum	—	—	213-30	65.88	14052-00	213.30	14052-00	
of mixed Material to work hieve the desired density, Material.	Cum	—	—	106-65	1060.56	113109-00	106.65	113109-00	
emixing the Material with sub-base/base course on	Cum	—	—	106-65	1121.04	119559-00	106.65	119559-00	
compressed air to rceive	Smt	—	—	222.50	2.59	576-00	222.50	576-00	
oiler fitted with spray set ons.	Smt	—	—	221-50	21.71	47165-00	221.50	47165-00	
75 tonnes per hour using ıot mix to work site laying led, vibratory and tandem specifications .25-30mm	Cum	—	—	65-18	9794.52	638358-00	65.18	638358-00	
	Cum	—	—	65-18	52.11	3396-00	65.18	3396-00	
lead 4 km a)Basic rate for	Cum	—	—	29-85	78.24	2335-00	29.85	2335-00	
TOTAL						1603995-00			
DD 10% KRIDL Charges						160399-00			
ADD 1% Labour Cess						~~16039-00~~		16039-00	
Add 1% QC test charges						~~16039-00~~		16039-00	
GRAND TOTAL						1796472-00			
	Rupees in words	Seventeen lakhs ninety six thousand four hundred seventy two only							